DECLARATION & POWER OF ATTORNEY

As a below-named inventor, I hereby declare that:

My correct city and state of residence, my post office address and my citizenship are stated below next to my name.

I believe myself to be the original, first and sole inventor (if only one name is listed below) or an original and first joint inventor (if more than one name is listed below) of the subject matter which is disclosed and claimed and for which a patent is sought on the invention entitled:

disclosed and c	laimed and for whi	ch a patent is sought o	on the invention	on entitled:		
"Methods ar	nd Systems for Pr	oviding Haptic Mess	aging to Han	dheld Com	munication	Devices"
The specification	on of this subject m	atter:				
	is attached hereto).				
	was filed on June	8, 2005 as United Sta	tes Applicatio	n Number <u>1</u>	0/538,160	
	and was amende	d on	(if applica	able).		
	was filed on Dece PCT/US2003/038	ember 8, 2003 as PCT 1899	International	Application I	Number	•
	and was amende	d on	(if applica	able).		
my invention the invention there sale in the Unit has not been papplication in a representative design patent a	ereof, or patented of or more than on ed States of Americatented or made than country foreign or assigns more tapplication) prior to	disclose information v	nted publication, that the prior to this a prior to this a prior's certificate. America on a rautility pate	on in any colling the same was application, a sissued before an application of the applic	s not in publicand that the increase the date on filed by mention or six mon	c use or on nvention of this or my legal oths (for a
natent or inver	itor's certificate list	ority benefits under 35 and below and have also ling date before that o	o identified be	slow any tore	ign application	on for paterit
PRIOR FORE	IGN APPLICATION	<u>V(S)</u>	Priority (<u>Claimed</u>		ed Copy ched?
Number	Country	Month/Day/Year Filed	Yes	No	Yes	No

PROVISIONAL PATENT APPLICATION(S)

I hereby claim the ben	efit under 35 U.S.C. §119(e) of any United S	States provisional application(s)
listed below:		
60/431,662	December 8, 2002	
Application Number	Filing Date	

PARENT PATENT APPLICATION(S)

I hereby claim the benefit under 35 U.S.C. §120 of any United States application(s) listed below and, insofar as the subject matter of each of the claims of this application is not disclosed in these prior United States application(s) in the manner provided by 35 U.S.C. §112, I acknowledge the duty to disclose material information as defined in 37 C.F.R. §1.56(a) which occurred between the filing date of the prior application(s) and the national or PCT international filing date of this application.

Application No.	Filing Date	Status (Issued, Pending, Abandoned)
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Application No.	Filing Date	Status (Issued, Pending, Abandoned)
Application No.	Filing Date	Status (Issued, Pending, Abandoned)

I hereby appoint practitioners associated with Customer Number: 60,140 as attorneys of record with full power of substitution and revocation, to prosecute this application and transact all business in the United States Patent and Trademark Office connected therewith. If this application is assigned by me I agree and understand that the above-named attorneys will represent the assignee and not me.

Please send all correspondence and direct all telephone calls to the address associated with

Customer Number 60,140.

FULL NAME OF INVENTOR 1	FIRST Name	MIDDLE Initial(s)	LAST Name
	Danny	A	<u>Grant</u>
RESIDENCE AN CITIZENSHIP		State or Foreign Country	Country of Citizenship
<u>-</u>	Montreal	Quebec, Canada	Canada
POST OFFICE ADDRESS	Number and Street	City	State or Country Zip Code
·	5961 de la Roche, #4	Montreal	Quebec, Canada H2S 2C8
FULL NAME OF INVENTOR 2	FIRST Name	MIDDLE Initial(s)	LAST Name
	Jeffrey	<u> </u>	Eid
RESIDENCE AN CITIZENSHIP	D City	State or Foreign Country	Country of Citizenship
	Danville	California	USA
POST OFFICE ADDRESS	Number and Street	City	State or Country Zip Code
	105 Shadwell Drive	Danville	California 94506
FULL NAME OF INVENTOR 3	FIRST Name	MIDDLE Initial(s)	LAST Name
	Shoichi		Endo
RESIDENCE AN CITIZENSHIP	D City	State or Foreign Country	Country of Citizenship
	Cupertino	California	Japan
POST OFFICE -ADDRESS	Number and Street	City	State or Country Zip Code
	20268 Northwest Square	Cupertino	California 95014
- ~ ~ ~			
FULL NAME OF INVENTOR 4	FIRST Name	MIDDLE Initial(s)	LAST Name
	Erik	<u>J.</u>	Shahoian
RESIDENCE AN CITIZENSHIP	D City	State or Foreign Country	Country of Citizenship
,	San Ramon	California	USA
POST OFFICE ADDRESS	Number and Street	City	State or Country Zip Code
	3208 El Suyo Drive	San Ramon	California 94583
FULL NAME OF INVENTOR 5	FIRST Name	MIDDLE Initial(s)	LAST Name
DEGIDENCE ***	Dean	C.	Chang Country of Citizenship
RESIDENCE ANI CITIZENSHIP	D City	State or Foreign Country	Country of Citizenship
	Gaithersburg	Maryland	USA
POST OFFICE ADDRESS	Number and Street	City	State or Country Zip Code
· .	330 Alderwood Drive	Gaithersburg	Maryland 20878

knowledge that willful false statements and the like so made are punishable by fine or imprisonment, or both, under Section 1001 of Title 18 of the United States Code, and that such willful false statements may jeopardize the validity of the application or any patent issuing thereon.

C6/04/25

FIRST INVENTOR
Date

SECOND INVENTOR
Deffrey Eid

THIRD INVENTOR
Shoichi Endo

Date

FOURTH INVENTOR
Date

Date

FOURTH INVENTOR
Erik J. Shohian

Date

FIFTH INVENTOR

Dean C. Chang

I further declare that all statements made herein of my own knowledge are true and that all statements

made upon information and belief are believed to be true; and further that these statements were made with the

<u>-</u>

37 C.F.R. §1.56 Duty to disclose information material to patentability

(a) A patent by its very nature is affected with a public interest. The public interest is best served, and the most effective patent examination occurs when, at the time an application is being examined, the Office is aware of and evaluates the teachings of all information material to patentability. Each individual associated with the filing and prosecution of a patent application has a duty of candor and good faith in dealing with the Office which includes a duty to disclose to the Office all information known to that individual to be material to patentability as defined in this section. The duty to disclose information exists with respect to each pending claim until the claim is cancelled or withdrawn from consideration, or the application becomes abandoned. Information material to the patentability of a claim that is cancelled or withdrawn from consideration need not be submitted if the information is not material to the patentability of any claim remaining under consideration in the application. There is no duty to submit information which is not material to the patentability of any existing claim. The duty to disclose all information known to be material to patentability is deemed to be satisfied if all information known to be material to patentability of any claim issued in a patent was cited by the Office or submitted to the Office in the manner prescribed by §§1,97(b)-(d) and 1.98. However, no patent will be granted on an application in connection with which fraud on the Office was practiced or attempted or the duty of disclosure was violated through bad faith or intentional misconduct. The Office encourages applicants to carefully examine:

(1) Prior art cited in search reports of a foreign patent office in a counterpart application, and

(2) The closest information over which individuals associated with the filing or prosecution of a patent application believe any pending claim patentably defines, to make sure that any material in

(b) Under this section, information is material to patentability when it is not cumulative to information already of record or being made of record in the application, and

(1) It establishes, by itself or in combination with other information, a prima facie case of unpatentability of a claim; or

(2) It refutes, or is inconsistent with, a position the applicant takes in:

(i) Opposing an argument of unpatentability relied on by the Office, or

(ii) Asserting an argument of patentability.

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- (c) Individuals associated with the filing or prosecution of a patent application within the meaning of this section are:
 - (1) Each inventor named in the application;
 - (2) Each attorney or agent who prepares or prosecutes the application; and

(3) Every other person who is substantively involved in the preparation or prosecution of the application and who is associated with the inventor, with the assignee or with anyone to whom there is an obligation to assign the application.

(d) Individuals other than the attorney, agent or inventor may comply with this section by disclosing information to the attorney, agent, or inventor.

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PROVISIONAL PATENT APPLICATION(S)

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Please send all correspondence and direct all telephone calls to the address associated with

Customer Number 60,140.

	FULL NAME OF INVENTOR 1	FIRST Name	MIDDLE Initial(s)		LAST Name		
	·	Danny	A		Grant	·	
	RESIDENCE AN CITIZENSHIP		State or Foreign Country		Country of Cit	izenship	
·		Montreal	Quebec, Canada		Canada		
	POST OFFICE ADDRESS	Number and Street	City	State or	Country	Zip Code	
· .		5961 de la Roche, #4	Montreal	Quebec	Canada	H2S 2C8	
	FULL NAME OF INVENTOR 2	FIRST Name	MIDDLE Initial(s)		LAST Name		•
		Jeffrey			Eid	• •	
	RESIDENCE ANI CITIZENSHIP	D City	State or Foreign Country	•	Country of Cit	ızensnıp	·
•		Danville	California		USA		•
•	POST OFFICE ADDRESS	Number and Street	City	State or	Country	Zip Code	
•		405 Charles Daire	Denville	Californi		04506	
		105 Shadwell Drive	Danville	Californi	<u> </u>	94506	
	FULL NAME OF INVENTOR 3	FIRST Name	MIDDLE Initial(s)		LAST Name		
•		Shoichi		· · · · · · · · · · · · · · · · · · ·	Endo	•	
-	RESIDENCE ANI CITIZENSHIP	D City	State or Foreign Country		Country of Cit	izenship	
		Cupertino	California		Japa <u>n</u> .	•	
	POST OFFICE	Number and Street	City	State or	Country	Zip Code	
· ·	ADDRESS			- <u>-</u>			
(20268 Northwest Square	Cupertino	-Californi	<u>ia - </u>	95014	
	FULL NAME OF	FIRST Name	MIDDLE Initial(s)		LAST Name		
	INVENTOR 4	Erik	1		Shahoian	•	
	RESIDENCE AND		State or Foreign Country		Country of Cit	izenship	
	CITIZENSHIP		-	<u>-</u>			
•	DOST OFFICE	San Ramon Number and Street	<u>California</u> .	State or	USA Country	Zin Code	
•	POST OFFICE ADDRESS	Number and Street	City	State of	Country	Zip Code	
		3208 El Suyo Drive	San Ramon	Californi	ia	94583	
		·					
·	FULL NAME OF	FIRST Name	MIDDLE Initial(s)		LAST Name		
	INVENTOR 5	Dean	C		Chang	• •	
	RESIDENCE AND	Dean City	State or Foreign Country		Country of Cit	izenship	
			NA mara da sa d		110 A		
	POST OFFICE	Gaithersburg Number and Street	Maryland City	State or	USA Country	Zip Code	•
	ADDRESS	Hamber and Street	·	JIBIC OF	Journa y		
		330 Alderwood Drive	Gaithersburg	Marylan	<u>d</u>	20878	
			•			3	
					·		•
		· · · · · · · · · · · · · · · · · · ·			•		
						•	

FIRST INVENTOR	Date			
Danny A. Grant	4/25/04			
SECOND INVENTOR Jeffrey Eid	Date			
			·	<u>-</u>
THIRD INVENTOR Shoichi Endo	Date	·		
FOURTH INVENTOR Erik J. Shohian	Date			
				•
FIFTH INVENTOR Dean C. Chang	Date	· · · · · · · · · · · · · · · · · · ·		

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prosecution of the application and who is associated with the inventor, with the assignee or with anyone to whom there is an obligation to assign the application.

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DECLARATION & POWER OF ATTORNEY

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original and first joint inventor (if more than one name is listed below) of the subject matter which is

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application in accordance with 37 C.F.R. §1.56(a).

PRIOR FOREIGN APPLICATION(S)

patent or inventor's certificate listed below and have also identified below any foreign application for patent or inventor's certificate having a filing date before that of the application on which priority is claimed.

Priority Claimed

•					Attac	ched?
Number	Country	Month/Day/Year Filed	Yes	No	Yes	No
•						

Certified Copy

PROVISIONAL PATENT APPLICATION(S)

I hereby claim the bene	efit under 35 U.S.C. §119(e) of	any United States	provisional ap <mark>pl</mark> i	cation(s)
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Please send all correspondence and direct all telephone calls to the address associated with

Customer Number 60,140.

FULL NAME OF	FIRST Name	MIDDLE Initial(s)	LAST Name	
INVENTOR 1	Donny	A	Grant .	
RESIDENCE AN CITIZENSHIP	Danny D City	State or Foreign Country	Country of Citi	zenship
	Montreal	Quebec, Canada	Canada	
POST OFFICE ADDRESS	Number and Street	City	State or Country	Zip Code
	5961 de la Roche, #4	<u> Montreal</u>	Quebec, Canada	H2S 2C8
FULL NAME OF INVENTOR 2	FIRST Name	MIDDLE Initial(s)	LAST Name	
	Jeffrey	Ciata or Faraign Country	Eid Country of Cit	izenshin
RESIDENCE AN CITIZENSHIP	D City	State or Foreign Country	Country of Cit	
	Danville	California	USA	•
POST OFFICE ADDRESS	Number and Street	City	State or Country	Zip Code
,	105 Shadwell Drive	Danville	California	94506
	105 Shadwell Dilve	Darryme		
FULL NAME OF INVENTOR 3	FIRST Name	MIDDLE Initial(s)	LAST Name	
	Shoichi		Endo	
RESIDENCE AN CITIZENSHIP	ID City	State or Foreign Country	Country of Cit	izensnip
	Cupertino	California	Japan	
POST OFFICE	Number and Street	City	State or Country	Zip Code
ADDRESS			· ·	
	20268 Northwest Square	Cupertino	California	95014
FULL NAME OF	FIRST Name	MIDDLE Initial(s)	LAST Name	
INVENTOR 4	Erik	. J	Shahoian	
RESIDENCE AN		State or Foreign Country	Country of Ci	tizenship
CITIZENSHIP-				•
•	Can Daman	California	USA	
POST OFFICE ADDRESS	San Ramon Number and Street	City	State or Country	Zip Code
ADDITEGO	3208 El Suyo Drive	San Ramon	California	94583
FULL NAME OF	FIRST Name	MIDDLE Initial(s)	LAST Name	· · .
	Dean	<u>C.</u>	Chang	4:
RESIDENCE AN CITIZENSHIP	ND City	State or Foreign Country	Country of Ci	tizensnip
	Gaithersburg	Maryland	USA	
POST OFFICE ADDRESS	Number and Street	City	State or Country	Zip Code
	330 Alderwood Drive	Gaithersburg	Maryland	20878
	•			•

I further declare that all statements made herein of my own knowledge are true and that all statements made upon information and belief are believed to be true; and further that these statements were made with the knowledge that willful false statements and the like so made are punishable by fine or imprisonment, or both, under Section 1001 of Title 18 of the United States Code, and that such willful false statements may jeopardize the validity of the application or any patent issuing thereon.

FIRST INVENTOR Danny A. Grant	Date	
SECOND INVENTOR Jeffrey Eld	Date	
	4/25/20	<u>~6</u>
THIRD INVENTOR Shoichi Endo	Date	
·	·	
FOURTH INVENTOR Erik J. Shohian	Date	
FIFTH INVENTOR	Date	
Dear C. Chang		

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Month/Day/Year

.. Filed

Number

Country

No

Yes

No

Yes

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60/431,662	December 8, 2002	
Application Number	Filing Date	

PARENT PATENT APPLICATION(S)

I hereby claim the benefit under 35 U.S.C. §120 of any United States application(s) listed below and, insofar as the subject matter of each of the claims of this application is not disclosed in these prior United States application(s) in the manner provided by 35 U.S.C. §112, I acknowledge the duty to disclose material information as defined in 37 C.F.R. §1.56(a) which occurred between the filing date of the prior application(s) and the national or PCT international filing date of this application.

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Application No.	Filing Date	Status (Issued, Pending, Abandoned)
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I hereby appoint practitioners associated with Customer Number: 60,140 as attorneys of record with full power of substitution and revocation, to prosecute this application and transact all business in the United States Patent and Trademark Office connected therewith. If this application is assigned by me I agree and understand that the above-named attorneys will represent the assignee and not me.

Please send all correspondence and direct all telephone calls to the address associated with

Customer Number 60,140.

INVENTOR 1 Danny A. Grant RESIDENCE AND City CITIZENSHIP Montreal POST OFFICE Number and Street ADDRESS Define Montreal Mumber and Street ADDRESS Define Montreal Middle Initial(s) LAST Name INVENTOR 2 Deffrey RESIDENCE AND City State or Foreign Country Country of Citiz Country of Citiz	Zip Code H2S 2C8
RESIDENCE AND City State or Foreign Country Country of Citize CITIZENSHIP Montreal Quebec, Canada Canada	Zip Code H2S 2C8 Zip Code
POST OFFICE Number and Street ADDRESS 5961 de la Roche, #4 Montreal Quebec, Canada FULL NAME OF FIRST Name INVENTOR 2 Jeffrey RESIDENCE AND City State or Country Middle Initial(s) LAST Name Eid Country of Citiz	H2S 2C8 Zenship Zip Code
POST OFFICE Number and Street ADDRESS 5961 de la Roche, #4 Montreal Quebec, Canada FULL NAME OF FIRST Name INVENTOR 2 Jeffrey RESIDENCE AND City State or Country Middle Initial(s) LAST Name Eid Country State or Country Country Country Country of Citiz	H2S 2C8 Zenship Zip Code
FULL NAME OF FIRST Name INVENTOR 2 Jeffrey RESIDENCE AND City MIDDLE Initial(s) LAST Name Eid Country of Citiz	zenship Zip Code
INVENTOR 2 Jeffrey Eid RESIDENCE AND City State or Foreign Country Country of Citizen	Zip Code
RESIDENCE AND City State or Foreign Country Country of Citiz	Zip Code
1120121112	Zip Code
Danville California USA	
POST OFFICE Number and Street City State or Country ADDRESS	94506
105 Shadwell Drive Danville California	
FULL NAME OF FIRST Name MIDDLE Initial(s) LAST Name INVENTOR 3	
Shoichi Endo	
RESIDENCE AND City State or Foreign Country Country of Citiz CITIZENSHIP	:enship
Cupertino California Japan	<u>-</u>
	Zip Code
20268 Northwest Square Cupertino California	95014
FULL NAME OF FIRST Name MIDDLE Initial(s) LAST Name INVENTOR 4	
Erik J. Shahoian	
RESIDENCE AND City State or Foreign Country Country of Citiz CITIZENSHIP	enship
San Ramon California USA	
POST OFFICE Number and Street City State or Country ADDRESS	Zip Code
3208 El Suyo Drive San Ramon California	94583
FULL NAME OF FIRST Name MIDDLE Initial(s) LAST Name INVENTOR 5	• .
Dean C. Chang	
RESIDENCE AND City State or Foreign Country Country of Citiz CITIZENSHIP	<u>renship</u>
Gaithersburg Maryland USA	
	Zip Code
330 Alderwood Drive Gaithersburg Maryland	20878

FIRST INVENTOR Danny A. Grant	Date			·	
SECOND INVENTOR Jeffrey Eid	Date		·	· .	
THIRD INVENTOR Shoichi Endo	Date 5-	19-06			•
FOURTH INVENTOR Erik J. Shehian Shaho Iani	Date				
FIFTH INVENTOR	Date ·				

37 C.F.R. §1.56 Duty to disclose information material to patentability

(a) A patent by its very nature is affected with a public interest. The public interest is best served, and the most effective patent examination occurs when, at the time an application is being examined, the Office is aware of and evaluates the teachings of all information material to patentability. Each individual associated with the filing and prosecution of a patent application has a duty of candor and good faith in dealing with the Office which includes a duty to disclose to the Office all information known to that individual to be material to patentability as defined in this section. The duty to disclose information exists with respect to each pending claim until the claim is cancelled or withdrawn from consideration, or the application becomes abandoned. Information material to the patentability of a claim that is cancelled or withdrawn from consideration need not be submitted if the information is not material to the patentability of any claim remaining under consideration in the application. There is no duty to submit information which is not material to the patentability of any existing claim. The duty to disclose all information known to be material to patentability is deemed to be satisfied if all information known to be material to patentability of any claim issued in a patent was cited by the Office or submitted to the Office in the manner prescribed by §§1,97(b)-(d) and 1.98. However, no patent will be granted on an application in connection with which fraud on the Office was practiced or attempted or the duty of disclosure was violated through bad faith or intentional misconduct. The Office encourages applicants to carefully examine:

- (1) Prior art cited in search reports of a foreign patent office in a counterpart application, and
- (2) The closest information over which individuals associated with the filing or prosecution of a patent application believe any pending claim patentably defines, to make sure that any material in
- (b) Under this section, information is material to patentability when it is not cumulative to information already of record or being made of record in the application, and
 - (1) It establishes, by itself or in combination with other information, a prima facie case of unpatentability of a claim; or
 - (2) It refutes, or is inconsistent with, a position the applicant takes in:
 - (i) Opposing an argument of unpatentability relied on by the Office, or
 - (ii) Asserting an argument of patentability.

A prima facie case of unpatentability is established when the information compels a conclusion that a claim is unpatentable under the preponderance of evidence, burden-of-proof standard, giving each term in the claim its broadest reasonable construction consistent with the specification, and before any consideration is given to evidence which may be submitted in an attempt to establish a contrary conclusion of patentability.

- (c) Individuals associated with the filing or prosecution of a patent application within the meaning of this section are:
 - (1) Each inventor named in the application;
 - (2) Each attorney or agent who prepares or prosecutes the application; and
 - (3) Every other person who is substantively involved in the preparation or

prosecution of the application and who is associated with the inventor, with the assignee or with anyone to whom there is an obligation to assign the application.

(d) Individuals other than the attorney, agent or inventor may comply with this section by disclosing information to the attorney, agent, or inventor.

DECLARATION & POWER OF ATTORNEY

As a below-named inventor, I hereby declare that:

My correct city and state of residence, my post office address and my citizenship are stated below next to my name.

I believe myself to be the original, first and sole inventor (if only one name is listed below) or an

original and first joint inventor (if more than one name is listed below) of the subject matter which is						
disclosed and claimed and for which a patent is sought on the invention entitled:						
"Methods ar	nd Systems for Pr	oviding Haptic Mes	saging to Har	ndheld Com	munication	Devices"
The specification	on of this subject m	atter:	(Y)		·	
	is attached hereto).				•
	was filed on June	8, 2005 as United St	ates Application	on Number <u>1</u>	0/538,160	
·	and was amended	d on no b	(if applic	able).		
	was filed on Dece PCT/US2003/038	mber 8, 2003 as PC ⁻ 899	F International	Application	Number	
	and was amende	d on	(if applic	able).		
do not believe that the claimed invention was ever known or used in the United States of America before my invention thereof, or patented or described in any printed publication in any country before my invention thereof or more than one year prior to this application, that the same was not in public use or on sale in the United States of America more than one year prior to this application, and that the invention has not been patented or made the subject of an inventor's certificate issued before the date of this application in any country foreign to the United States of America on an application filed by me or my legal representatives or assigns more than twelve months (for a utility patent application) or six months (for a design patent application) prior to this application. I acknowledge the duty to disclose information which is material to the examination of this application in accordance with 37 C.F.R. §1.56(a).						
natent or invent	for's certificate liste	ority benefits under 35 and below and have als ing date before that o	so identified be	elow any fore	eign application	on for patent
PRIOR FOREIG	GN APPLICATION	<u>(S)</u>	Priority (Claimed		ed Copy ched?
Number	Country	Month/Day/Year Filed	Yes	No	Yes	No

PROVISIONAL PATENT APPLICATION(S)

I hereby claim the ben	efit under 35 U.S.C. §119(e) of any	y United States p	rovisional application(s)
listed below:		- 10	*
60/431,662	December 8, 2002		· · · · · · · · · · · · · · · · · · ·
Application Number	Filing Date		

PARENT PATENT APPLICATION(S)

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Customer Number 60,140.

FULL NAME OF INVENTOR 1	FIRST N	ame	MIDDLE Initial(s)	LAST Name	
INVENTOR	Danny		A.	Grant	
RESIDENCE AN CITIZENSHIP		City	State or Foreign Country	Country of Citi	zenship
		Montreal	Quebec, Canada	Canada	
POST OFFICE ADDRESS	Number	and Street	City	State or Country	Zip Code
	5961 de	la Roche, #4	Montreal	Quebec, Canada	H2S 2C8
FULL NAME OF INVENTOR 2	FIRST N	lame	MIDDLE Initial(s)	LAST Name	
	Jeffrey			Eid	·
RESIDENCE AN CITIZENSHIP	D	City	State or Foreign Country	Country of Citi	izensnip
		Danville	California	USA	
POST OFFICE ADDRESS	Number	and Street	City	State or Country	Zip Code
	105 Sha	dwell Drive	Danville	California	94506
FULL NAME OF INVENTOR 3		lame	MIDDLE Initial(s)	LAST Name	
DECIDENCE AND	<u>Shoichi</u>	0.1	Ctata or Faraign Country	Endo Country of Cit	izenshin
RESIDENCE AN CITIZENSHIP	טו	City	State or Foreign Country	. Country of Cit	izerisilip
		Cupertino	California	Japan	
POST OFFICE ADDRESS	Number	and Street	City	State or Country .	Zip Code
	20268 N	orthwest Square	Cupertino	California	95014
FULL NAME OF INVENTOR 4	FIRST	lame	MIDDLE Initial(s)	LAST Name	
	Erik		J	Shahoian (Si	
RESIDENCE AN CITIZENSHIP	ID ·	City	State or Foreign Country	Country of Cit	izensnip
		San Ramon	California	USA	
POST OFFICE ADDRESS	Number	and Street	City	State or Country	Zip Code
	3208 EI	Suyo Drive	San Ramon	California	94583
	0200 21				-
FULL NAME OF INVENTOR 5	FIRST	lame	MIDDLE Initial(s)	LAST Name	
	Dean		С.	Chang	
RESIDENCE AN CITIZENSHIP	ID	City	State or Foreign Country	Country of Cit	izenship
		Gaithersburg	Maryland	USA	<u> </u>
POST OFFICE ADDRESS	Number	and Street	City	State or Country	Zip Code
	330 Ald	erwood Drive	Gaithersburg	Maryland	20878

FIRST INVENTOR Danny A. Grant	Date	
SECOND INVENTOR Jeffrey Eid	Date	
THIRD INVENTOR Shoichi Endo	Date	
FOURTH INVENTOR Erik J. Shohian	Date	
FIFTH INVENTOR Dean C. Chang	5/24/0 5 Date	

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